

Dan Tasse

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PUBLICATIONS

Tasse, D., and Hong, J. 2014. *Using Social Media Data to Understand Cities*. Workshop on Big Data and Urban Informatics, University of Illinois, Chicago.

Tasse, D., and Hong, J. 2014. *Finding a City's Activity Bubbles in Geotagged Social Media*. Citizen + X: HCOMP 2014 Workshop on Volunteer-Based Crowdsourcing in Science, Public Health and Government, Pittsburgh.

Tasse, D. and Smith, N. 2008. *SOUR CREAM: Towards Semantic Parsing of Recipes*. Technical Report, number CMU-LTI-08-005, Carnegie Mellon University Language Technologies Institute.

PRESS

Tuhus-Dubrow, Rebecca. Will Twitter Revolutionize How Cities Plan for the Future? NextCity, Oct. 21, 2014. <http://nextcity.org/daily/entry/urban-planning-twitter-social-media-data>

Zhorov, Irina. Social media data as a tool for urban planning? Maybe. Keystone Crossroads, Feb. 4, 2015. <http://crossroads.newsworks.org/index.php/keystone-crossroads/item/78082-social-media-data-as-a-tool-for-urban-planning-maybe->

PROFESSIONAL AND RESEARCH EXPERIENCE

CMU Human-Computer Interaction Institute, Pittsburgh, Pennsylvania

Ph.D. Student

August 2012 – Present

Advised by Prof. Jason Hong. Using geotagged social media data to understand how our cities work.

Yahoo! Labs, San Francisco, California

Intern

May 2015 – August 2015

Advised by David A. Shamma. Analyzed data from Flickr to understand users' photo-taking behaviors in different locations. Developed algorithm to find users' home towns.

HP Labs, Palo Alto, California

Intern

May 2014 – August 2014

Advised by Joshua Hailpern and Anupriya Ankolekar. Ran experiment with 1920 participants to determine how web sites should get users' attention.

University of Washington, Seattle, Washington

Visiting Researcher

February 2011 – August 2011

Implemented "Sea Salt" game online, ran study on human subjects to research fun and engagement. Finished Android OS implementation of the Psychomotor Vigilance Task, a sleepiness test.

Google, Inc., Seattle, Washington

Frontend Software Engineer

August 2008 – April 2011

Led a team of 2-8 engineers in rewriting the Chrome Web Store Python frontend in Java. Led UI development for Chrome Sync. Added frontend features to Google Analytics.

CMU Language Technologies Institute, Pittsburgh, Pennsylvania

Research Assistant

June 2007 – May 2008

Defined a formalism for semantic parsing of cooking recipes. Collected 300 hand-annotated recipes to create a corpus of data, and attempted two parsing methods.

CMU Department of Mathematical Sciences, Pittsburgh, Pennsylvania

Teaching Assistant

August 2006 – December 2006, August 2007 – December 2007

Taught a section of over 30 students twice a week in introductory discrete mathematics course (Concepts of Mathematics).

Cognitive Tutor Authoring Tools, Pittsburgh, Pennsylvania

Intern

June 2006 – August 2006

Hyland Software, Inc., Cleveland, Ohio

Intern

June 2005 – August 2005

SERVICE

Reviewed Papers for CHI 2014-2016, Pervasive Computing 2014, MobileHCI 2015

Student Volunteer for Ubicomp 2012, CHI 2014

ADVISING

Advised the following undergraduate and Master's students:

Summer 2013 Himanshu Zade, Van Erick Custodio

Fall 2014-Spring 2015 Andy Dong Hyun Choi (won 2nd place, Yahoo Undergraduate Research Award, for this work), Hong Bin Shim, Jennifer Chou, Emily Su

Summer 2015 Jennifer Chou, Emily Su, Jinny Hyun Ji Kim, Eva Peng, Joshua Herman

TEACHING

Fall 2014 Software Structures for User Interfaces: Web Lab

Fall 2015 User-Centered Research and Evaluation

EDUCATION

Carnegie Mellon University, Pittsburgh, Pennsylvania

Ph.D., Human-Computer Interaction

August 2012 – Present

Carnegie Mellon University, Pittsburgh, Pennsylvania

M.S., Human-Computer Interaction

Completed May 2015

Carnegie Mellon University, Pittsburgh, Pennsylvania

B.S., Computer Science

August 2004 – May 2008

with an additional major in Cognitive Science

GPA: 3.8/4.0

Maastricht University, Maastricht, The Netherlands

Study Abroad, Department of Knowledge Engineering

January 2007 – May 2007